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RRR	RRR	UUU	UUU	NNN	NNNNN	000	000	FFF	FFF
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Version:

'V04-000'

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! FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS

DSRLIB.REQ requires in almost all Require files used by DSR and DSRPLUS. It is used to build both DSRLIB.L-- and DPLLIB.L--, which are used (via a conditionalized LIBRARY statement) by almost all modules in the DSR / DSRPLUS code.

The remaining REQUIRE statements in the code occur in RNFERM.BLI, which requires MSGTXT.REQ, and in LP1.BLI, which requires RUNTAB.REQ.

**ENVIRONMENT: Transportable BLISS** 

AUTHOR: Keith Dawson CREATION DATE: March 1983

MODIFIED BY:

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008 REM00008 Ray Marshall 4-June-1984 Added a SWITCHES declaration to cause the expansion of the .REQ files.

007 KAD00007 Keith Dawson 9-May-1983 Remove support for .DX, .PX.

006 KAD00006 Keith Dawson 13-Apr-1983 Added conditionals on CREFDS, GTOKCC, KEYWORD.

005 KAD00005 Keith Dawson 7-Apr-1983
Added require files GTOKCC, KWTDEF (omitted by accident)

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004	KAD00004 Added require final-output	Keith Dawson 6-Apr-1983 (KEYWORD, CREFDS), modifications (PASS).
003	PERGOODS For DSRPLUS: /	Ron Randall 04-Apr-1983 Added topnote require files (TNREC, TOPNOT).
002	KAD00002 Conditionalized	Keith Dawson 17-Mar-1983 d 6 DSRPLUS-only Require files on the DSRPLUS

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```
LIBRARY 'NXPORT: XPORT':
 %IF (%VARIANT/2) %THEN
 LIBRARY 'REQ: RNODEFDPL';
                                       ! Define /VARIANT macros
 XELSE
 LIBRARY
             cQ:RNODEFDSR':
                                       ! Define /VARIANT macros
 %F 1
 SWITCHES LIST (REQUIRE):
                                       ! This declaration causes the remaining files
                                           to be expanded in the listing
  The following files are used by some of the Require files to come.
 REQUIRE 'REQ:MAXIMA.REQ';
                                           Maximum values on some DSR / DSRPLUS parameters.
 REQUIRE 'REQ: BPOSIT. REQ':
                                           Macro to return the bit position part of a field definition.
                                          CL... (counted list) items

BAR__, CND__, ISQ__, & RIT_

More '__'' bit definitions for a few flags

SCT_... and PAGE_DEFINITION macros
 REQUIRE 'REQ: CLIST. REQ':
 REQUIRE 'REQ: LSTBTS.REQ';
 REQUIRE 'REQ: NBITS. REQ';
 REQUIRE 'REQ: PAGEN. REQ';
 REQUIRE 'REQ: ARECCC.REQ':
                                           AREC completion codes.
 REQUIRE 'REQ: ATCODE. REQ';
                                           ATABLE entry codes.
 XIF DSRPLUS XTHEN
 REQUIRE 'REQ:ATTCC.REQ';
                                        ! Completion codes for routines in ATTRIB
 REQUIRE 'REQ:BOOL.REQ':
                                           TRUE & FALSE literals (only)
REQUIRE 'REQ:BRNRTY.REQ':
                                           .BRN-format binary file record def's.
 REQUIRE 'REQ: CLHCC.REQ':
                                       ! CLH_... status return codes
! CLH_... operation codes
! TCONVRT_... def's (string conversion codes)
REQUIRE 'REQ:CLHOPS.REQ';
REQUIRE 'REQ:CONVRT.REQ';
XIF DSRPLUS XTHEN
REQUIRE 'REQ: CREFDS.REQ';
                                       ! Cross-referencing data structures
XF I
 REQUIRE 'REQ:DIGIT, REQ':
                                           Macro to test if a character is a digit
!!! REQUIRE 'REQ: DMDEFS.REQ';
                                           Dynamic-memory management definitions
 REQUIRE 'REQ: ECC. REQ';
                                           Definitions for the Entity Counter/Caption Area
 REQUIRE 'REQ: FFDEFS. REQ';
                                           FOO... opcodes and status values for FOOFIL
 REQUIRE 'REQ: FLGT. REQ':
                                           FLaG Table items
 REQUIRE 'REQ: FLIPCHARS. REQ';
                                           FLIP$K_... special characters
                                           FLIP macro, record, & field definitions and MAX_LEVELS.
REQUIRE 'REQ: FLIPRECS.REQ':
 REQUIRE 'REQ: FNCT. REQ':
                                           Footnote control table
                                          FOOREC... items (for FN record headers)
Codes for .LS & .NT context save stack
FIXED STRING structure & FS... macros
GCA (General Control Array) definitions
GETQ... Completion codes
 REQUIRE 'REQ:FOOREC.REQ'
REQUIRE 'REQ: FRMSTK.REQ'
 REQUIRE 'REQ: FSPACK. REQ'
 REQUIRE 'REQ:GCA.REQ';
 REQUIRE 'REQ:GETOSC.REQ';
 REQUIRE 'REQ:GNCC.REQ';
                                           Completion codes returned by GNAME.
 REQUIRE 'REQ:GSLUCC.REQ';
                                           GSLU_... Completion codes
 XIF DSRPLUS XTHEN
 REQUIRE 'REQ:GTOKCC.REQ';
                                       ! GT_... Completion codes
```

```
REQUIRE 'REQ:HCT.REQ';
REQUIRE 'REQ:HLC.REQ';
REQUIRE 'REQ:IFSTK.REQ';
REQUIRE 'REQ:INDEX.REQ';
REQUIRE 'REQ:IRAC.REQ';
REQUIRE 'REQ:KC.REQ';
                                                       HCT... (Heading Control Table) & LAYOUT...
HLC... (Header Level Control) area items
IFSTK... stack for nested .IFs
Structures used by the indexing command
IRAC... structure Macros & literal
Definition of macros: KCNS, "CS, & TISF
XIF DSRPLUS XTHEN
REQUIRE 'REQ:KEYWORD.REQ';
                                                   ! Keyword-table definitions
REQUIRE 'REQ: KWITEM. REQ';
                                                   ! Macros to access command-keyword fields
XIF DSRPLUS XTHEN REQUIRE 'REQ:KWS.REQ'; REQUIRE 'REQ:KWSCON.REQ';
                                                       Definitions for the Attribute Keyword Structure
                                                       Definitions for .SEND CONTENTS keywords KWS$... keyword definitions for .STYLE <e!f!t!h>
REQUIRE 'REQ:KWSTYL REQ'
REQUIRE 'REQ:KWTDEF REQ'
                                                       KW$PDP..., KW$PDM keyword definitions for $$entities
REQUIRE 'REQ: KWXPYP.REQ':
                                                       KWX$... keyword definitions for .XP, .YP, .ENA XP
REQUIRE 'REQ:LETTER.REQ';
REQUIRE 'REQ:LODEFS.REQ';
REQUIRE 'REQ:MSG.REQ';
                                                       Alpha testing and case changing macros
                                                       Literal definitions of LSTOPS operations
                                                       Macros used in error messages
REQUIRE 'REQ: NDXRTY.REQ'
                                                   ! .BIX-format binary file record definitions
XIF DSRPLUS XTHEN
REQUIRE 'REQ:NDXXPL.REQ':
                                                   ! .XPLUS attribute-structure record definitions
XF I
REQUIRE 'REQ:NMLST.REQ':
                                                       NMLST..., NM..., and NUMBFR_LIST
                                                       NUM ... values returned from GETNUM

OP_DEV ... literals: type of output device

OUTOPT ... output control vector elements

PASS ..., EMPH ... definitions for final output

PDT ... paragraph definition items

PHAN ... macros & literal

RNO$... command line table items

H ... directive literals

Save and Restore definitions
REQUIRE 'REQ: NUMPRM. REQ':
REQUIRE 'REQ: OPDEV. REQ';
REQUIRE 'REQ: OUTOPT. REQ';
REQUIRE 'REQ: PASS. REQ';
REQUIRE 'REQ:PDT.REQ';
REQUIRE 'REQ: PHDEF. REQ'
REQUIRE 'REQ: RNOMAC. REQ':
REQUIRE 'REQ:RUNHAN.REQ'
REQUIRE 'REQ: SAVE . REQ';
                                                       Save and Restore definitions
REQUIRE 'REQ: SAVSTK. REQ';
                                                       Save and Restore stack
REQUIRE 'REQ: SCA.REQ'
                                                       SCA_... Scanner and translator control items
REQUIRE 'REQ: SETCAS.REQ':
                                                       Case control literal.
REQUIRE 'REQ: TOCRTY.REQ':
                                                       TOC record type definitions (MAJ_ & MIN_)
XIF DSRPLUS XTHEN
REQUIRE 'REQ: TNFDEFS.REQ';
REQUIRE 'REQ: TNREC.REQ';
                                                      TN... opcodes and status values for TNFIL TNREC... items (for topnote record headers) Topnote control table
REQUIRE 'REQ: TOPNOT. REQ';
XF I
                                                       Completion codes returned by TPROBE routine TSF_ (Text so far) macro definitions
REQUIRE 'REQ: TPROB.REQ';
REQUIRE 'REQ:TSF.REQ';
REQUIRE 'REQ:VR.REQ';
                                                       VR_... & VR*_DEF for .VR and conditionals
                                                   ! In-core index table & entry definitions
!! REQUIRE 'REQ:XINTAB.REQ';
```

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! End of DSRLIB.REQ

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